

OWNER'S MANUAL

- ASSEMBLY
- OPERATION
- MAINTENANCE
- PARTS LIST

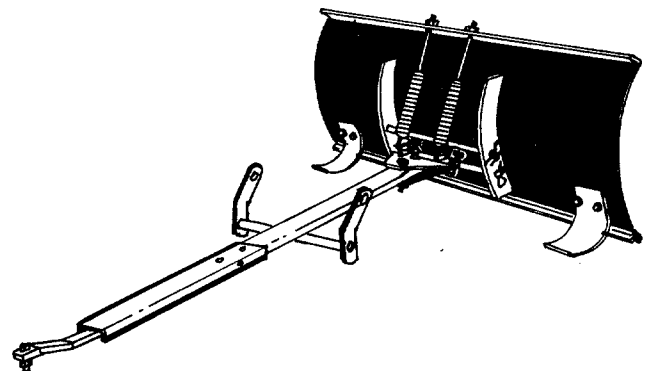
**Model No.
198-954A**

For 910, 912, 916, 918

Important:

**Read Safety Rules and
Instructions Carefully**

**54" SNOW BLADE
QUICK ATTACH**



LIMITED WARRANTY

For one year from the date of original retail purchase, MTD PRODUCTS INC will either repair or replace, at its option, free of charge, F.O.B. factory or authorized service firm, any part or parts found to be defective in material or workmanship. Transportation charges under this warranty must be paid by the purchaser unless return is requested by MTD PRODUCTS INC.

This warranty will not apply to any part which has become inoperative due to misuse, excessive use, accident, neglect, improper maintenance, alterations, or unless the unit has been operated and maintained in accordance with the instructions furnished. This warranty does not apply to the engine, motor, battery, battery charger or component parts thereof. Please refer to the applicable manufacturer's warranty on these items.

This warranty will not apply where the unit has been used commercially.

Warranty service is available through your local authorized service dealer or distributor. If you do not know the dealer or distributor in your area, please write to the Customer Service Department of MTD.

The return of a complete unit will not be accepted by the factory unless prior written permission has been extended by MTD.

This warranty gives you specific legal rights. You may also have other rights which vary from state to state.

ASSEMBLY INSTRUCTIONS

1. Place the Wear Plate on the front of the Blade and Angle Reinforcing behind the Blade and assemble with nine Carriage Bolts 3/8-16 x 1-1/4. Lockwashers and Hex Nut 3/8 Thread. See figure 1.

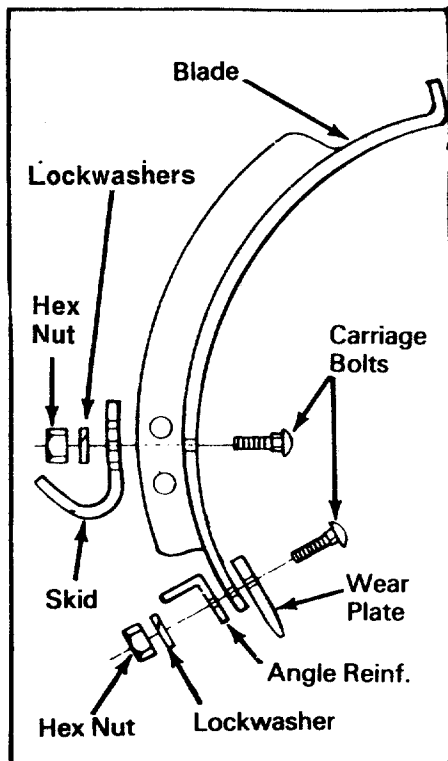


FIGURE 1

2. Lay the Blade flat with its face down. Assemble the Pivot Assembly to the Blade by Placing the Bar 3/4" Dia. through the tube on the Pivot Assembly and through the LOWER holes in the blade mounting bar on the back of the blade and secure with Cotter Pins. See figure 2.

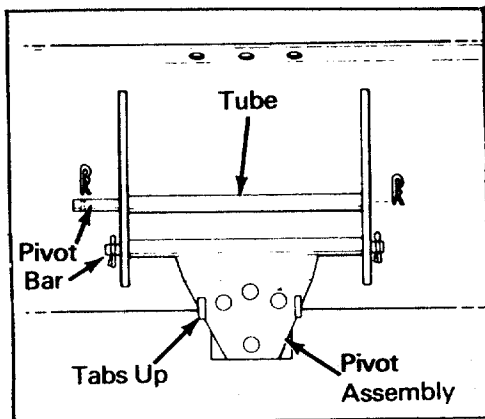


FIGURE 2

3. Place the other Pivot Bar through the UPPER holes in the blade mounting bar on the back of the blade, through the tube and secure with Cotter Hair Pins. See figure 2.
4. Place the Hex Head Bolt 1/2-13 x 2 in the Pivot assembly and lock with two Hex Nuts 1/2. Leave about 3/4 of the thread above the Pivot Plate. See figure 3.

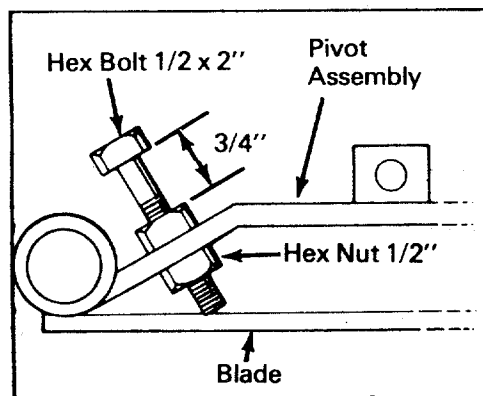


FIGURE 3

5. Assemble the Push Bar Assembly (see parts list) (33) to the Pivot Plate (21) with the Hex Head Bolt 5/8-11 x 2-1/2 (20) and secure with Hex Nut Lock Type 5/8-11 Thd. (22). Leave the Hex Nut loose enough to allow the Push Bar Assembly (33) to pivot freely. Place the Clevis Pin (19) through the center hole in the end of the Push Bar. Secure the Clevis Pin with Hairpin (8).
6. Place the Hex Head Bolt 3/8-16 x 3 through the Extension Springs. Tip the Blade into the normal operating position. Hook the loop end of each Extension Spring through the eye on the Pivot Plate. Push the Hex Head Bolt 3/8-16 x 3 through the holes in the top edge of the Blade and fasten with Hex Nut 3/8. Tighten the nut until the Extension Spring stretches approximately one inch. Final adjustment can be made later to match the workload. (See figure 4).

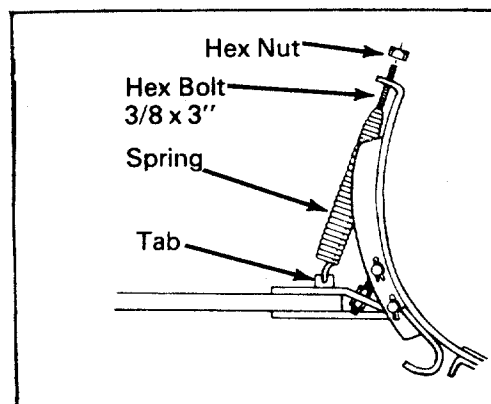


FIGURE 4

7. Place a block or brick under the center of the Blade and assemble the skids to the blade with Bolts 3/8-16 x 1-1/4, Lockwashers and Hex Nut 3/8.

8. Assemble the lift brackets to the push bar assembly. See figure 5.
 - A. Place cotter pins (15) in cross bar and bend ends over.
 - B. Place lift bracket (23) on cross bar.



Lift brackets must face forward as shown in figure 6.

- C. Next place spacer (31), another lift bracket (23) Flat washer (30), lockwasher (29) and secure with hex screw (28). See figure 6.

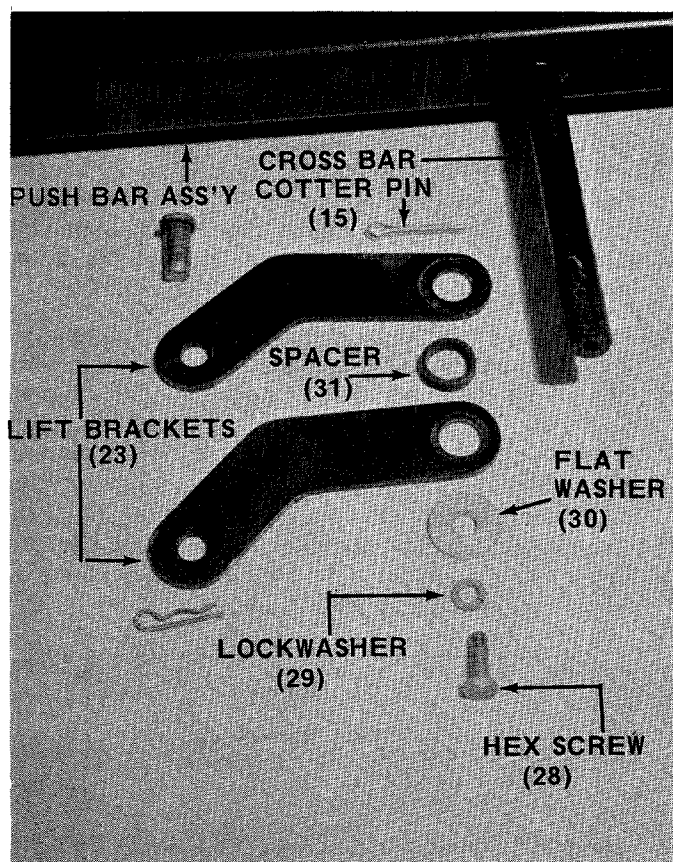


FIGURE 5

- D. Assemble lift brackets on other side in same order.

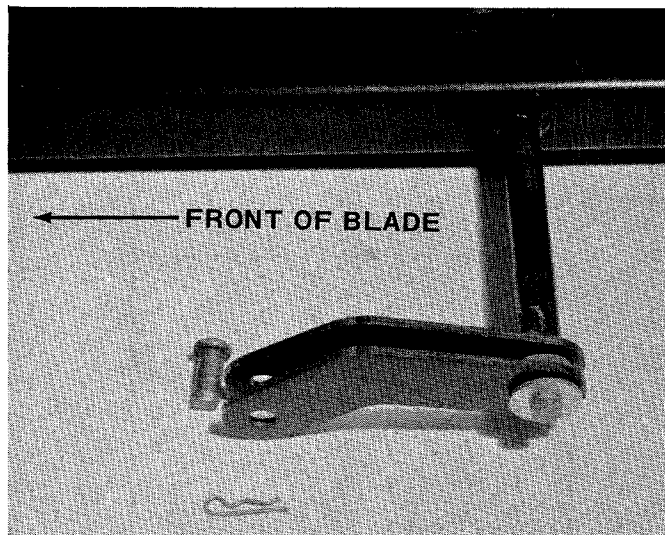


FIGURE 6

Attaching the Snow Blade to the Tractor

(SEE FIGURE 9)

1. Roll the tractor over the completely assembled blade.



The push bar assembly may rub on the bottom of the transaxle.

2. Raise the rear of push bar assembly up and secure to rear of tractor with hex bolt, flatwasher and hex lock nut. See figure 7.

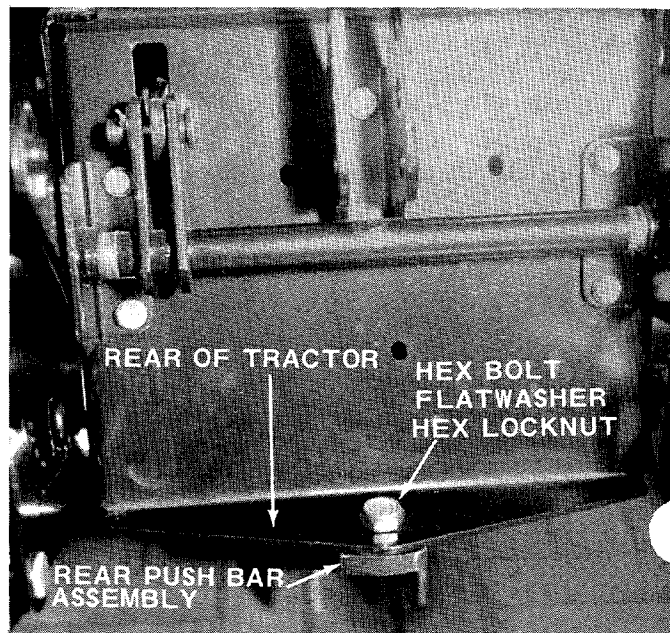


FIGURE 7

3. Place the lift lever (on the tractor) in the lowest setting.
4. Attach the lift brackets to the under carriage on the tractor. See figures 8 and 9.



Lift brackets straddle the under carriage. See figure 8.

5. Secure in position with clevis pin and hair pin cotter. See figure 8.

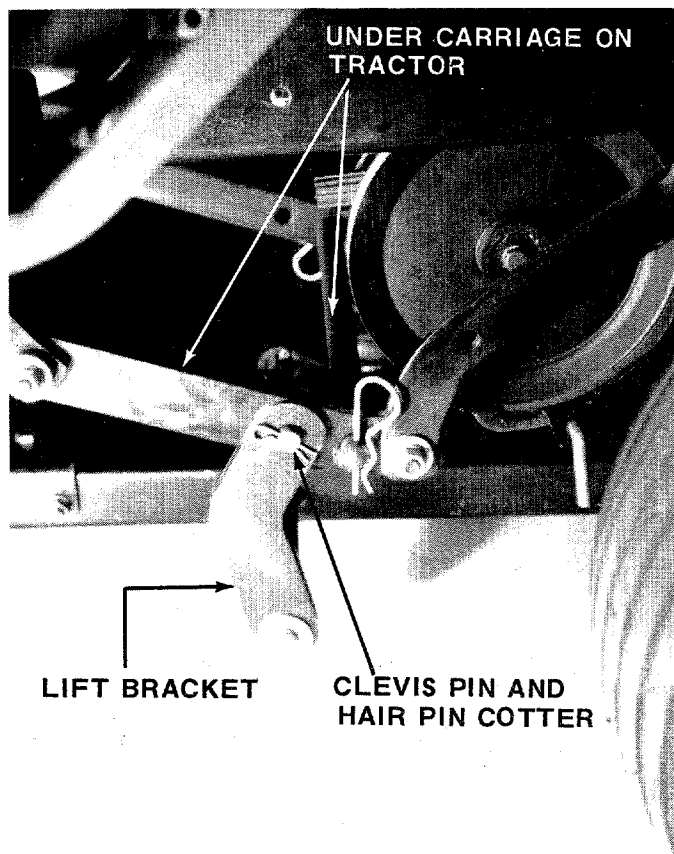


FIGURE 8

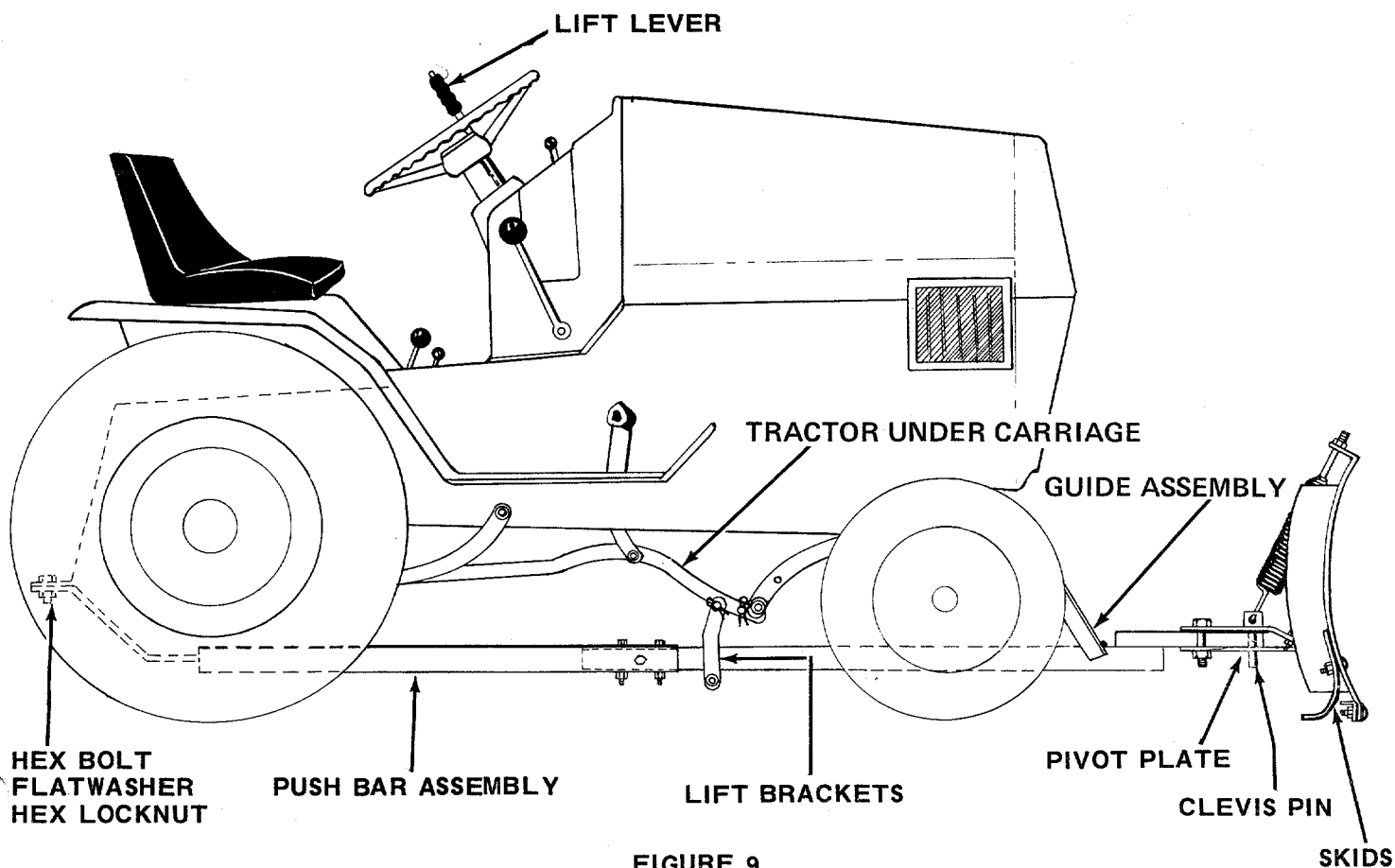


FIGURE 9

6. Place the guide assembly in position on the front of the tractor. See figure 10.

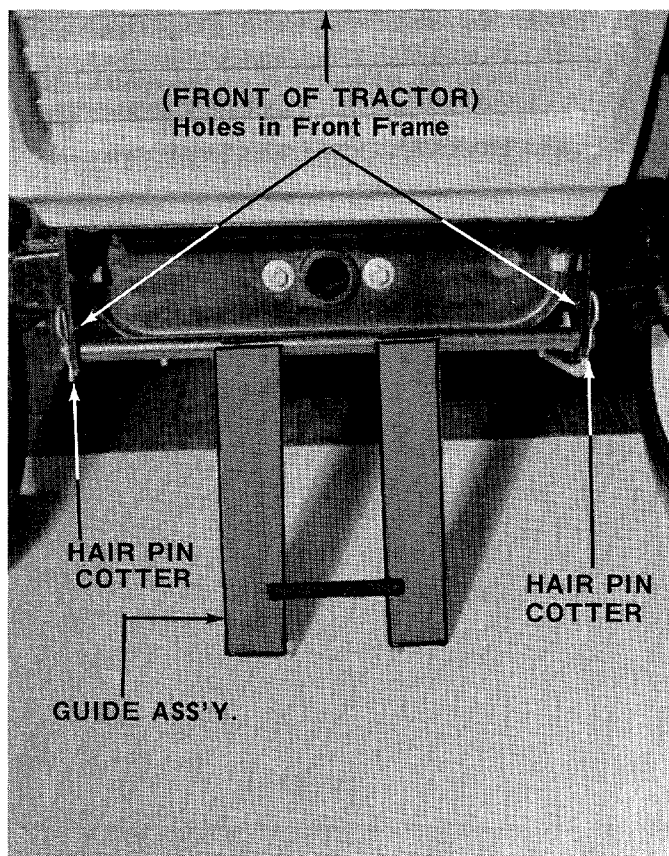


FIGURE 10

7. Secure in place with two hair pin cotters. See figure 10.



Figure 10 was photographed with the blade removed for clarity. See figure 9 for guide assembly on blade.

OPERATING THE SNOW BLADE

The blade can be raised with the Lift Lever by moving the handle to the UP position. The Lift Lever is completely DOWN when dozing snow.

The blade adjusts to three positions: Straight ahead, 25° left and 25° right. The position is changed by removing the Cotter Hairpin and the Clevis Pin on the Pivot Plate, turning the blade by hand and then replacing the Drilled Carriage Bolt and Cotter Hairpin in any of the three positions.

ADJUSTMENTS

The Skids are adjustable to three heights to prevent the blade from digging in the ground when dozing snow on gravel.

The snow blade has an automatic trip mechanism to permit the blade to bypass solid obstructions and then spring back into position. Tension on the springs is increased by tightening the Hex Nuts 3/8-16 Thd. (See figure 4).

The blade pitch is adjusted by loosening the Hex Nuts 1/2-13 Thd. and turning the two Hex Bolts 1/2-13 x 2. (See figure 3).



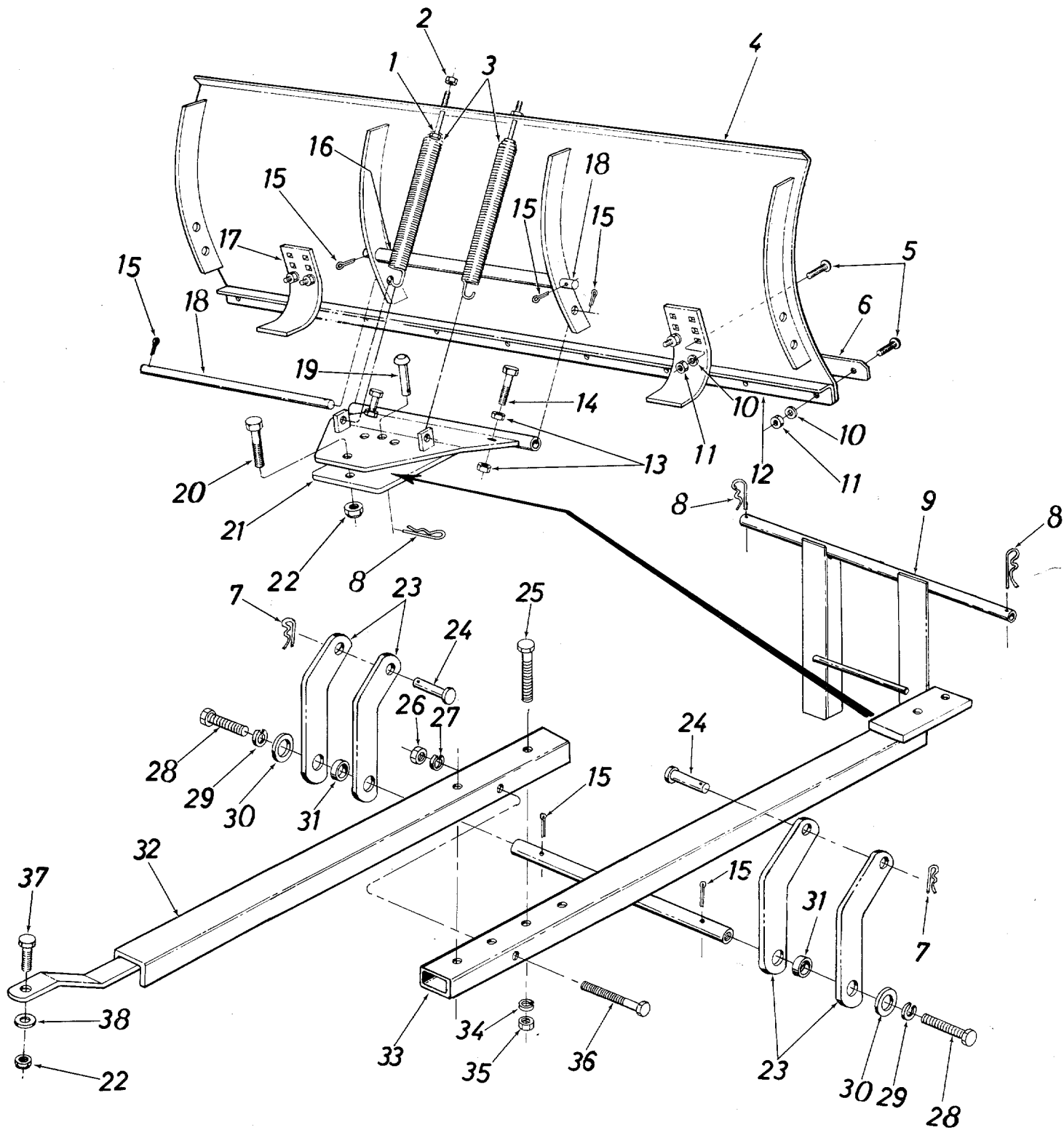
Tire Chains are recommended for snow plowing.

23 x 9.50

198-964A

NOTES

198-954A



PARTS LIST FOR MODEL 198-954A

REF. No.	PART No.	COLOR CODE	DESCRIPTION	NEW PART
1	710-0194		Hex Scr. 3/8-16 x 3.00 Lg.*	
2	712-0798		Hex Nut 3/8-16 Thd.*	
3	732-0272		Extension Spring	
4	05306		54" Blade Ass'y.	
5	710-0305		Carriage Bolt 3/8-16 x 1.25" Lg.*	
6	05317		Wear Plate	
7	714-0101		Internal Cotter Pin 1/2" Dia.	
8	714-0117		Internal Cotter Pin 3/4" Dia.	
9	05613		Guide Bracket Ass'y.	
10	736-0169		L.-Wash. 3/8" Scr.*	
11	712-0798		Hex Nut 3/8-16 Thd.*	
12	05318		Angle	
13	712-0206		Hex Nut 1/2-13 Thd.*	
14	710-0489		Hex Scr. 1/2-13 x 2.00" Lg.*	
15	714-0121		Cotter Pin 5/32" Dia. x 1.00" Lg.*	
16	05286		Pivot Plate Tube	
17	05294		Skid	
18	05290		Pivot Rod	
19	711-2015		Clevis Pin 16 Dia. x .44	
20	710-0533		Hex Scr. 5/8-18 x 2.50" Lg.*	
21	05309		Pivot Plate Ass'y.	
22	712-0221		Hex Ins. Jam Nut 5/8-18 Thd.	
23	05599		Lift Bracket	
24	711-0310		Clevis Pin .500" Dia.	
25	710-0937		Hex Scr. 3/8-16 x 2.50" Lg.*	
26	712-0798		Hex Nut 3/8-16 Thd.*	
27	736-0169		L.-Wash. 3/8" Scr.*	
28	710-0118		Hex Scr. 5/16-18 x .75" Lg.*	
29	736-0119		L.-Wash. 5/16" Scr.*	
30	736-0231		Fl.-Wash. .344 I.D. x 1.12 O.D.	
31	750-0142		Spacer .81 I.D. x 1.00" O.D. x .31" Lg.	
32	05610		Lift Bracket Ass'y.	
33	05617		Lift Bar Ass'y.	
34	736-0169		L.-Wash. 3/8" Scr.*	
35	712-0798		Hex Nut 3/8-16 Thd.*	
36	710-0411		Hex Scr. 3/8-16 x 4.00" Lg.*	
37	710-0312		Hex Scr. 5/8-18 x 1.31" Lg.*	
38	736-0237		Fl.-Wash. .66 I.D. x 1.25 O.D.	

*For faster service obtain standard nuts and bolts locally. If these items cannot be obtained locally, order by part number and size as shown on the parts list.



NOTE

This instruction manual covers various models and all specifications shown do not necessarily apply to your model. Specifications subject to change without notice of obligation.

PARTS INFORMATION

POWER EQUIPMENT PARTS AND SERVICE

Parts and service for all MTD manufactured power equipment are available through the authorized service firms listed below. All orders should specify the model number of your unit, parts number, description of parts and the quantity of each part required.

ALABAMA	BIRMINGHAM	
Auto Electric & Carburetor Co.	2625 4th Ave. S.	35233
ARKANSAS	NORTH LITTLE ROCK	
Sutton's Lawn Mower Shop	Rt. 4, Box 368	72117
	FORT SMITH	
Mity Mite Motors, Inc.	2515 Towson Ave.	72901
CALIFORNIA	PORTERVILLE	
Billious	75 North D Street	93257
	SAN BERNARDINO	
Lawn Mower Supply Co.	25608 E. Baseline	92410
	SAN FRANCISCO	
J.W. Jewett Co.	981 Folsom St.	94107
	SACRAMENTO	
Luttig & Severson	2030 28th St.	95818
COLORADO	DENVER	
South Denver Lawn Equip.	527 West Evans	80223
CONNECTICUT	SUFFIELD	
The Jones & Ramsey Co.	850 Thompsonville Rd.	06078
FLORIDA	JACKSONVILLE	
Radco Distributors	2403 Market St.	32206
	CORAL GABLES	
Moz-All of Florida, Inc.	365 Greco Ave.	33146
GEORGIA	EAST POINT	
East Point Cycle & Key	2834 Church St.	30344
ILLINOIS	LYONS	
Keen Edge Co.	8615 Ogden Ave.	60534
INDIANA	ELKHART	
Parts & Sales Inc.	2101 Industrial Pkwy.	46514
IOWA	DUBUQUE	
Power Lawn & Garden Equip.	2551 J.F. Kennedy	52001
LOUISIANA	NEW ORLEANS	
Suhren Engine Co.	8330 Earhart Blvd.	70118
MARYLAND	TAKOMA PARK	
Center Supply Co.	6867 New Hampshire Ave.	20012
MASSACHUSETTS	SPRINGFIELD	
Morton B. Collins Co.	300 Birnie Ave.	01107
MICHIGAN	MOUNT CLEMENS	
Power Equipment Dist.	36463 South Gratiot	48043
	LANSING	
Lorenz Service Co.	2500 S. Pennsylvania	48900
MINNESOTA	MINNETONKA	
Hance Distributing Inc.	11212 Wayzata Blvd.	55343
MISSISSIPPI	BILOXI	
Biloxi Sales & Service, Inc.	506 Caillavet St.	39533
MISSOURI	KANSAS CITY	
Automotive Equip. Service	3117 Holmes St.	64109
	ST. LOUIS	
Henzler, Inc.	2015 Lemay Ferry Rd.	63125
NEW JERSEY	BELLMAWR	
Lawnmower Parts Inc.	717 Creek Rd., P.O. Box 7	08030

BRIGGS & STRATTON, TECUMSEH AND PEERLESS PARTS AND SERVICE

Briggs & Stratton, Tecumseh and Peerless parts service should be handled by your nearest authorized engine service firm. Check the yellow pages of your telephone directory under the listing **Engines—Gasoline**, Briggs & Stratton or Tecumseh Lauson.

NEW YORK	CARTHAGE	
Gamble Dist., Inc.	West End Ave.	13619
NORTH CAROLINA	GREENSBORO	
Dixie Sales Company	327 Battleground Ave.	27402
	GOLDSBORO	
Smith Hardware Co.	515 N. George St.	27530
OHIO	WADSWORTH	
National Central	687 Seville Rd.	44281
	CLEVELAND	
Bleckrie, Inc.	7900 Lorain Ave.	44102
	CARROLL	
Stebe's Mid-State Mower Supply	Box 366	43112
	WILLARD	
Sunshine Wholesale Tire Outlet	Route 224	44890
OKLAHOMA	MUSKOGEE	
Victory Motors, Inc.	605 S. Cherokee	74401
	ADA	
Ada Auto Supply	301 E. 12th St.	74820
OREGON	PORTLAND	
Kenton Supply Co.	8216 N. Denver Ave.	97217
PENNSYLVANIA	LANCASTER	
Raub Supply Co.	James & Mulberry Sts.	17604
	PITTSBURGH	
Bluemont Co.	11125 Frankstown Rd.	15235
TENNESSEE	KNOXVILLE	
Master Repair Service	2423 Broadway, N.E.	37917
	MEMPHIS	
Memphis Cycle & Supply Co.	421 Monroe Ave.	38106
American Sales & Service, Inc.	1922 Lynnbrook	38106
TEXAS	DALLAS	
Marr Brothers, Inc.	423 E. Jefferson	75203
	HOUSTON	
Bullard Supply Co.	2409 Commerce St.	77003
	SAN ANTONIO	
Catto & Putty, Inc.	P.O. Box 2408	78206
	FORT WORTH	
Woodson Sales Corp.	1702 N. Sylvania	76111
UTAH	SALT LAKE CITY	
A-1 Engine & Mower Co.	437 E. 9th St.	84111
VERMONT	BURLINGTON	
Vermont Appliance Co.	44 Lakeside Ave.	05401
VIRGINIA	RICHMOND	
RBI Corp.	963 Myers St.	23260
WASHINGTON	SEATTLE	
Bailey's Rebuild, Inc.	1325 E. Madison St.	98102
WEST VIRGINIA	CHARLESTON	
Young's, Inc.	233 Virginia St., E.	25301
WISCONSIN	APPLETON	
Automotive Supply Co.	123 S. Linwood Ave.	54911

WARRANTY PARTS AND SERVICE POLICY

The purpose of warranty is to protect the customer from defects in workmanship and materials, defects which are NOT detected at the time of manufacture. It does not provide for the unlimited and unrestricted replacement of parts. Use and maintenance are the responsibility of the customer. The manufacturer cannot assume responsibility for conditions which it has no control. Simply put, if it's the manufacturer's fault, it's the manufacturer's responsibility; if it's the customer's fault, it's the customer's responsibility.

CLAIMS AGAINST THE MANUFACTURER'S WARRANTY INCLUDES

1. Replacement of Missing Parts on new equipment.
2. Replacement of Defective Parts within the warranty period.
3. Repair of Defects within the warranty period.

All claims MUST be substantiated with the following information:

1. Model Number of unit involved.
2. Date unit was purchased or first put into service.
3. Date of failure.
4. Nature of failure.